

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	4026	"organic" and electrolumines\$5 and phosphores\$4 and host\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:23
L4	2735	"organic" and electrolumines\$5 and phosphores\$5 and "host" and (257/40 313/502 313/503 313/504 313/505 313/506 313/507 313/508 313/509 313/510 313/511 313/512 313/513 428/690 428/917).ccls.	US-PGPUB; USPAT	OR	ON	2011/03/29 11:23
S58	2289	("light-emitting" or "light emitting") same host and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/05/12 15:48
S34	1968	("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698" "20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760" "20070188083" "20060197077" "20070111024"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:00

		"20060051613" "20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745" "20090072732" "20070224448" "20070275266" "20060257687" "20070075635" "20070003788" "20070120466" "20070104977" "20050244676" "20060024523" "20050227111" "20040229081" "20040214043" "20030054200" "20030077480" "20030044643" "20020098379" "6815090"). pn. or (Chishio Hosokawa). in.				
S13	1959	"organic" and "electroluminescent" and "phosphorescent" and "host"	US-PGPUB; USPAT	OR	ON	2009/04/06 09:59
S14	1403	"organic" and "electroluminescent" and "phosphorescent" and "host" and (257/40 313/502 313/503 313/504 313/505 313/506 313/507 313/508 313/509 313/510 313/511 313/512 313/513 428/690 428/917).ccls.	US-PGPUB; USPAT	OR	ON	2009/04/06 10:01
L14	978	electrolumines\$5 and host\$1 same dop\$4 same metal\$1 with complex\$2 and phosphores\$5	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:27
L11	964	electrolumines\$5 and ((impurit\$4) same ppm)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:25
S68	930	alq same ("electron injection" or "electron injecting" or "electron- injecting")	US-PGPUB; USPAT	OR	ON	2009/05/14 11:12

L6	651	electrolumines\$5 and halogen\$1 same impurit\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:24
L5	638	electrolumines\$5 and halogen\$1 same impurit\$3	US-PGPUB; USPAT	OR	ON	2011/03/29 11:24
S43	628	electroluminescent and host same dopant same complex and phosphorescent	US-PGPUB; USPAT	OR	ON	2009/05/12 15:06
L9	625	electrolumines\$5 and halogen\$1 same impurit\$4 and organic\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:24
L8	616	electrolumines\$5 and halogen\$1 same impurit\$4 and organic\$1	US-PGPUB; USPAT	OR	ON	2011/03/29 11:24
S44	430	electroluminescent and host same dopant same "metal complex" and phosphorescent	US-PGPUB; USPAT	OR	ON	2009/05/12 15:06
S75	332	(@pd<"20040301" @ad<"20040302") and electroluminescent and anthracene same host	US-PGPUB; USPAT	OR	OFF	2010/10/14 14:12
S22	329	electroluminescent and ((impurities or impurity) same ppm)	US-PGPUB; USPAT	OR	ON	2009/05/12 13:17
L12	310	electrolumines\$5 and ((impurit\$5) same ppm) and halogen\$1 and organic\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:25
L7	304	electrolumines\$5 and halogen same impurities and "organic EL"	US-PGPUB; USPAT	OR	ON	2011/03/29 11:24
S19	252	electroluminescent and halogen same impurities	US-PGPUB; USPAT	OR	ON	2009/05/12 11:53
S65	247	(host same aromatic same ("light-emitting" or "light emitting")) and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/05/13 09:13
S25	220	("organic electroluminescent" or "organic EL") and ((impurities or impurity) same ppm) and halogen	US-PGPUB; USPAT	OR	ON	2009/05/12 13:22
S76	187	(@pd<"20040301" @ad<"20040302") and electroluminescent and anthracene same host and phosphorescent	US-PGPUB; USPAT	OR	OFF	2010/10/14 14:12
S23	107	electroluminescent and ((impurities or impurity) same ppm) and halogen	US-PGPUB; USPAT	OR	ON	2009/05/12 13:20

S24	101	electroluminescent and ((impurities or impurity) same ppm) and halogen and organic	US-PGPUB; USPAT	OR	ON	2009/05/12 13:21
S84	99	(@pd<"20040301"@ad<"20040302") and electrolumines\$5 and host same pyridine\$5	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/28 13:02
S20	92	electroluminescent and halogen same impurities and "organic EL"	US-PGPUB; USPAT	OR	ON	2009/05/12 11:53
S35	66	("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698" "20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760" "20070188083" "20060197077" "20070111024" "20060051613" "20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:00

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S36	62	("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698" "20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760" "20070188083" "20060197077" "20070111024" "20060051613"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:00

		"20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745" "20090072732" "20070224448" "20070275266" "20060257687" "20070075635" "20070003788" "20070120466" "20070104977" "20050244676" "20060024523" "20050227111" "20040229081" "20040214043" "20030054200" "20030077480" "20030044643" "20020098379" "6815090"). pn. or (Chishio Hosokawa). in. and electroluminescent and ("impurities" or impurity) same (bromine or chlorine or flourine) same ppm)				
S32	62	("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698"	US-PGPUB; USPAT	OR	ON	2009/05/12 13:59

		"20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760" "20070188083" "20060197077" "20070111024" "20060051613" "20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745" "20090072732" "20070224448" "20070275266" "20060257687" "20070075635" "20070003788" "20070120466" "20070104977" "20050244676" "20060024523" "20050227111" "20040229081" "20040214043" "20030054200" "20030077480" "20030044643" "20020098379" "6815090"). pn.				
S63	55	("host material") same trivalent and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/05/13 09:07
S56	51	"Begley".in. and host	US-PGPUB; USPAT	OR	ON	2009/05/12 15:44
S42	50	electroluminescent and host same dopant same chelate	US-PGPUB; USPAT	OR	ON	2009/05/12 15:05
L13	43	(organic with electroluminescent) and ((impurity) same ppm) and (quench)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:26

S85	40	(@pd<"20040301" @ad<"20040302") and electrolumines\$5 and host same pyridine\$5 and ((guest dopant) same phosphorescent)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/28 13:03
S33	40	("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698" "20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760" "20070188083" "20060197077" "20070111024" "20060051613" "20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745" "20090072732" "20070224448" "20070275266" "20060257687" "20070075635" "20070003788"	US-PGPUB; USPAT	OR	ON	2009/05/12 13:59

		"20070120466" "20070104977" "20050244676" "20060024523" "20050227111" "20040229081" "20040214043" "20030054200" "20030077480" "20030044643" "20020098379" "6815090"). pn. and (Chishio Hosokawa). in.				
S57	38	"Begley".in. and host and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/05/12 15:44
L10	31	electrolumines\$5 and halogen\$1 same impurities same ppm	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/29 11:25
S27	26	("organic electroluminescent" or "organic EL") and (("impurities" or impurity) same ppm) and ("quenching" or "quencher")	US-PGPUB; USPAT	OR	ON	2009/05/12 13:28
S48	23	"514167"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:39
S64	19	(host same trivalent same ("light-emitting" or "light emitting")) and electroluminescent	US-PGPUB; USPAT	OR	ON	2009/05/13 09:08
S29	15	("organic electroluminescent" or "organic EL" or electroluminescent) and (("impurities" or impurity) same ppm same ("bromine" or chlorine or flourine))	US-PGPUB; USPAT	OR	ON	2009/05/12 13:34
S21	14	electroluminescent and halogen same impurities same ppm	US-PGPUB; USPAT	OR	ON	2009/05/12 11:54
S28	13	("organic electroluminescent" or "organic EL") and (("impurities" or impurity) same ppm same ("bromine" or chlorine or flourine))	US-PGPUB; USPAT	OR	ON	2009/05/12 13:30

S10	13	("10588773" or "11480465" or "11480463" or "10527530" or "10567903" or "10574179" or "10575092" or "10588233" or "10588786" or "10588549" or "11498071" or "11512110" or "11480919")	US-PGPUB; USPAT	OR	ON	2009/04/02 16:03
S60	12	higashi.in. and electroluminescent and halogen	US-PGPUB; USPAT	OR	ON	2009/05/12 15:55
S9	12	("10588773" or "11480465" or "10527530" or "10567903" or "10574179" or "10575092" or "10588233" or "10588786" or "10588549" or "11498071" or "11512110" or "11480919")	US-PGPUB; USPAT	OR	ON	2009/04/02 16:02
S26	11	("organic electroluminescent" or "organic EL") and (("impurities" or impurity) same ppm) same chlorine	US-PGPUB; USPAT	OR	ON	2009/05/12 13:25
S38	5	((("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698" "20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:02

		"20070188083" "20060197077" "20070111024" "20060051613" "20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745" "20090072732" "20070224448" "20070275266" "20060257687" "20070075635" "20070003788" "20070120466" "20070104977" "20050244676" "20060024523" "20050227111" "20040229081" "20040214043" "20030054200" "20030077480" "20030044643" "20020098379" "6815090"). pn. or (Chishio Hosokawa). in.) and electroluminescent and ("impurities" or impurity) same ppm)				
S18	5	electroluminescent and halogen same impurities same host	US-PGPUB; USPAT	OR	ON	2009/05/12 11:53
S49	4	"514167".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:39
S81	3	"2003157366"	US-PGPUB; USPAT	OR	OFF	2010/10/14 14:28
S86	2	"20040086745"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/03/28 13:10
S61	2	electroluminescent and impurities and "halide- containing"	US-PGPUB; USPAT	OR	ON	2009/05/12 16:19
S50	2	"5141671".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:39

S47	2	"4768292".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:38
L1	1	"20040086745".pn.	US-PGPUB; USPAT	OR	OFF	2011/03/29 10:10
S89	1	"20040086745".pn.	US-PGPUB; USPAT	OR	OFF	2011/03/28 14:04
S87	1	"10588773"	US-PGPUB; USPAT	OR	OFF	2011/03/28 13:53
S83	1	"10588773"	US-PGPUB; USPAT	OR	OFF	2011/03/28 13:02
S82	1	"10588773"	US-PGPUB; USPAT	OR	OFF	2011/02/22 09:38
S79	1	"12755240"	US-PGPUB; USPAT	OR	OFF	2010/10/14 14:26
S72	1	"10588549"	US-PGPUB; USPAT	OR	OFF	2010/05/06 11:29
S71	1	"10588773"	US-PGPUB; USPAT	OR	OFF	2009/12/18 14:03
S70	1	"20070172698".pn.	US-PGPUB; USPAT	OR	OFF	2009/12/17 14:42
S69	1	"20060035109" "20060035109"	US-PGPUB; USPAT	OR	ON	2009/05/14 14:55
S67	1	"6265717".pn.	US-PGPUB; USPAT	OR	ON	2009/05/14 09:51
S66	1	"6479172".pn.	US-PGPUB; USPAT	OR	ON	2009/05/13 16:19
S62	1	"20070172698"	US-PGPUB; USPAT	OR	ON	2009/05/12 16:44
S59	1	"20040007971".pn.	US-PGPUB; USPAT	OR	ON	2009/05/12 15:54
S46	1	"9855561".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:28
S41	1	"20060286402"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:56
S40	1	"20070172698"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:46
S39	1	"20070207347"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:09

S37	1	("20090009067" "20090009066" "20090009065" "20090008607" "20090008606" "20090008605" "20090039317" "20090017331" "20090017330" "20080206597" "20080100213" "20090030202" "20070108898" "20070069638" "20070052346" "20070054151" "20070224446" "20070141387" "20060163542" "20050249976" "20070190356" "20070159083" "20070172698" "20070296328" "20070116982" "20070128467" "20070104976" "20070090753" "20080246391" "20070009760" "20070188083" "20060197077" "20070111024" "20060051613" "20060180806" "20060251918" "20060141284" "20060257684" "20060035109" "20060049410" "20050158578" "20050127823" "20040191563" "20040086745" "20090072732" "20070224448" "20070275266" "20060257687" "20070075635" "20070003788" "20070120466" "20070104977" "20050244676" "20060024523" "20050227111" "20040229081"	US-PGPUB; USPAT	OR	ON	2009/05/12 14:02
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		"20040214043" "20030054200" "20030077480" "20030044643" "20020098379" "6815090"). pn. or (Chishio Hosokawa). in.) and electroluminescent and ("impurities" or impurity) same (bromine or chlorine or flourine) same ppm)				
S17	1	"20030218418"	US-PGPUB; USPAT	OR	ON	2009/04/14 14:56
S12	1	"20070172698".pn.	US-PGPUB; USPAT	OR	ON	2009/04/06 09:07
S8	1	"10588773"	US-PGPUB; USPAT	OR	ON	2009/04/02 16:02
S4	1	"2002373786".pn.	DERWENT	OR	ON	2009/04/02 15:41
S3	1	"2002373786".pn.	JPO	OR	ON	2009/04/02 15:41
S2	1	"2002175885"	DERWENT	OR	ON	2009/04/02 15:40
S1	1	"2002175885"	JPO	OR	ON	2009/04/02 15:40

EAST Search History (I nterference)

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